

1 What is claimed is:

2 1. A mirror device for providing reflected images having at least two different selectable
3 magnifications, said mirror device comprising;

4 a. at least a first mirror frame holding therein a pair of first and second mirrors
5 having reflective surfaces of first and second, different magnifications, said mirrors being
6 arranged back-to-back with said reflecting surfaces facing outwards of one another,

7 b. a frame holder,

8 c. means for releasably and interchangeably holding said mirror frame in said frame
9 holder with a selected one of said mirrors facing away from said frame holder for viewing
10 images of objects in front of said selected mirror,

11 d. a mounting base for supporting said frame holder, and

12 e. fastener means for releasably attaching said mounting base to a mounting
13 surface.

14 2. The mirror device of Claim 1 wherein said means for releasably holding said mirror
15 frame in said frame holder comprises in combination,

16 a. a peripheral mirror frame ring which at least partially bounds outer peripheral
17 edges of said first and second mirrors,

18 b. at least two radially spaced apart flange walls which protrude forward from a base
19 portion of said mirror frame holder, and

20 c. releasable engagement means for fixedly and releasably holding said peripheral
21 frame ring fixed with respect to said flange walls.

22 3. The mirror device of Claim 2 wherein said releasably engagement means is further
23 defined as comprising in combination,

24 a. at least a first rib member which protrudes radially outwardly from said peripheral
25 frame ring,

26 b. a retainer lip which protrudes inwardly from an inner axially disposed surface of
27 each of said flange walls, said lips having an inner, longitudinally disposed surfaces which
28 define therebetween an opening having a spacing less than that between longitudinal outer

1 surfaces of opposed portions of said frame rib longitudinally alignable with said flange walls,
2 and

3 c. means for engaging said flange walls to deflect radially outwardly sufficiently far
4 for said opening therebetween to receive said frame ribs, and for deflecting said flange walls
5 radially inwardly in front of said ribs to thereby retain said peripheral frame ring in a pocket
6 formed between an outer transverse surface of said frame holder base and rear surfaces of
7 said lips.

8 4. The mirror device of Claim 3 wherein said means for enabling deflection of said flange
9 walls radially outwardly and inwardly is further defined as including resilient coupling means
10 between said base of said frame holder and said flange walls, whereby pressing said rib of
11 said peripheral ring of said frame member against radiused front surfaces of said flange wall
12 lips causes said flange walls to deflect radially and resiliently outwards.

13 5. The mirror device of Claim 4 wherein said resilient coupling means comprises an
14 elastically deformable polymer joint between each of said flange walls and said base of said
15 frame holder.

16 6. The mirror device of Claim 1 further including angularly adjustable coupling means
17 joining said mirror frame holder to said mounting base, said adjustable coupling means
18 enabling said mirror frame to be fixedly positioned at an adjustable angle relative to said
19 mounting base.

20 7. The mirror device of Claim 6 wherein said angularly adjustable coupling means joining
21 said mirror frame holder to said mounting base comprises in combination;

22 a. at least a first pivot pin fastened to one of said mounting base and said mirror
23 holder frame, and

24 b. at least a first bushing fastened to the other end of said mounting base and said
25 mirror holder, said bushing rotatably and fictionally receiving said pivot pin.

26 8. The mirror device of Claim 1 wherein said fastening means for releasably attaching said
27 mounting base to a mounting surface comprises at least a first suction cup which protrudes
28 rearwardly from a rear surface of said mounting base.

1 9. The mirror device of Claim 8 further including releasable securing means for releasably
2 attaching said suction cup to said mounting bases.

3 10. The mirror device of Claim 9 wherein said releasable securing means is further defined
4 as comprising in combination;

5 a. a neck protruding from a concave base of said suction cup, said neck terminating
6 at an upper end thereof in a concentric button-shaped head of smaller diameter than said
7 base, and

8 b. at least a first keyhole through a thickness dimension of said mounting base, said
9 keyhole having a circularly-shaped portion of larger diameter than said head of said suction
10 cup, and a slot disposed radially outwardly from said circularly-shaped portion of said keyhole,
11 said slot having a width sufficiently large to enable slidable movement of said suction cut neck
12 therewithin, and sufficiently small to prevent said head of said suction cup from being pulled
13 through said slot in a direction perpendicular to said mounting base.

14 11. The mirror device of Claim 1 further including at least a second mirror frame holding
15 therein at least one mirror having a magnification different than that of said first and second
16 mirrors of said first mirror frame.

17 12. A mirror device having at least two selectable magnifications, said mirror device
18 comprising;

19 a. at least a first mirror frame including a peripheral cylindrical ring holding therein
20 a pair of back-to-back mirrors, at least one of which has a concave, spherically-shaped surface
21 which has a curvature and therefore magnification different than that of the other of said pair
22 of mirrors,

23 b. a mirror frame holder having a generally flat base portion and protruding forward
24 from said base portion a plurality of flange walls forming between inner longitudinally disposed
25 wall surfaces thereof a cylindrically-shaped pocket adapted to longitudinally receive said mirror
26 frame ring,

27 c. means for releasably securing said mirror frame within said pocket of said mirror
28 frame holder,

1 d. a mounting base having generally flat and parallel upper and lower surfaces,
2 e. support means for supporting said mirror frame holder from said mounting base,
3 and
4 f. releasable fastening means for releasably attaching said mounting base to a
5 mounting surface.

6 13. The mirror device of Claim 12 wherein said means for releasably securing said mirror
7 frame within said pocket of said mirror frame holder is further defined as comprising in
8 combination;

9 a. at least a first peripheral rib which protrudes radially outwardly from an outer
10 cylindrical wall surface of said peripheral mirror frame ring, and

11 b. engagement means attached to said flange walls for releasably engaging said
12 peripheral frame ring rib.

13 14. The mirror device of Claim 13 wherein said flange wall engagement means for
14 releasably engaging said peripheral frame ring rib is further defined as comprising in
15 combination;

16 a. at least one pair of lips, each of which protrudes radially inwardly from an inner
17 longitudinal wall surface of each of at least two opposed flange walls, said lips forming
18 between opposed inner facing inner longitudinal wall surfaces thereof a space of less diameter
19 than that of corresponding parts of said peripheral frame ring rib, and

20 b. resilient coupling means joining said flange walls to said base of said mirror
21 frame holder, said resilient joining means enabling said flange walls to be deflected elastically
22 outwards in a radial direction when said peripheral frame ring rib is pressed downwards against
23 said lips towards said base of said mounting frame, and to elastically deflect to an unstressed
24 position with said lips positioned axially in front of said peripheral ring rib, thereby retaining said
25 mirror frame within said pocket of said mirror frame holder.

26 15. The mirror device of Claim 12 wherein said support ;means for supporting said mirror
27 frame holder from said mounting base is further defined as being a pivot joint.
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1 16. The mirror device of Claim 12 wherein said releasable fastening means for releasably
2 attaching said mounting base to a mounting surface is further defined as being a plurality of
3 suction cups which protrude rearwardly from said rear surface of said mounting base.

4 17. The mirror device of Claim 16 further including releasable attachment means for
5 attaching said suction cups to said mounting base.

6 18. The mirror device of Claim 17 wherein said releasable attachment means is further
7 defined as comprising in combination;

8 a. a neck protruding from a concave base of said suction cup, said neck terminating
9 at an upper end thereof in a concentric button-shaped head of smaller diameter than said
10 base, and

11 b. at least a first keyhole through a thickness dimension of said mounting base, said
12 keyhole having a circularly-shaped portion of larger diameter than said head of said suction
13 cup, and a slot disposed radially outwardly from said circularly-shaped portion of said keyhole,
14 said slot having a width sufficiently large to enable slidable movement of said suction cut neck
15 therewithin, and sufficiently small to prevent said head of said suction cup from being pulled
16 through said slot in a direction perpendicular to said mounting base.